## Kikuchi [54] TOUCH PANEL [56] References Cited U.S. PATENT DOCUMENTS [75] Inventor: Hiroshi Kikuchi, Furukawa, Japan [73] Assignee: Alps Electric Co., Ltd., Japan [21] Appl. No.: 819,914 [22] Filed: Jan. 16, 1986 [30] Foreign Application Priority Data Jan. 16, 1985 [JP] Japan ...... 60-2908[U] [51] Int. Cl.<sup>4</sup> ...... G08C 21/00 those of the lower sheet of the substrate.

29/592 R, 622, 830, 831; 340/719; 156/300, 313

United States Patent [19]

[11] Patent Number: 4,672,153

[45] Date of Patent: Jun. 9, 1987

| 3,735,023   |  | rst et al 178/18   |  |
|---|--|--|--|
| 4,131,991   | 1/1979 Rii   | niker 29/622   |  |
|   |  | ord D. Schreyer<br>-Guy W. Shoup   |  |
| [57]  | ABS  | STRACT   |  |
| comprises a su<br>and a transpar-<br>the lower elec-<br>superposed all<br>ble adhesive ta | bstrate, uppent double<br>trode sheet<br>over their<br>pe having a | ch panel is disclosed which per and lower electrode sheets, adhesive tape at least between and the substrate so as to be surfaces, the transparent dour effective index proximate to |  |

3 Claims, 6 Drawing Figures

